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AFRL awards \$2.1M contract for speech processing research

by Francis L. Crumb, Information Directorate

ROME, N.Y.— The Air Force Research Laboratory's Information Directorate has awarded a \$2,149,343 contract to Oasis Systems Inc. of Bedford, Mass.

The two-year agreement, "Audio/Speech Processing Testbed," will support research in the directorate's Information and Intelligence Exploitation Division.

"The objective of this research is to develop and test an audio/speech processing testbed," said John G. Parker Jr., program manager. "The testbed will include computer software to automatically recognize the dialect, recognize words and phrases, and remove noise and interference from audio communications."

The new testbed will allow for the development of technologies with civilian applications such as monitoring air traffic control signals, law enforcement crime analysis and monitoring audio communications for homeland security applications.

Air Force researchers in Rome have a long history in the field of audio signal processing, from automatic speech recognition and translation to speech enhancement that drastically reduces background noise and interference in radio communications.

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